

ABSTRACT

The invention relates to a functional element for attaching to a sheet metal part, such as for example a nut element or a bolt element comprising a body section or head section, which has a requisite cylindrical part on one axial end and runs into a cylindrical rivet section on its other axial end. Said element is characterised in that the body section is provided with an essentially cone-shaped region between the first axial end or a cylindrical section that may be provided there and the rivet section, said region forming a bearing surface for a corresponding cone-shaped region of a sheet metal part and that the cylindrical part, if present, has a diameter at the border with the cone-shaped region that is no greater than the maximum diameter of said cone-shaped region. When the functional element is attached to the sheet metal part, the narrow end of the cone-shaped region of said metal part is clamped in an annular protrusion, formed by the rivet section. The invention also relates to and discloses a composite component and to a method for attaching a functional element.